# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name: GILES #1 | Test No.: 1 | Date: 12/8/93

Company: OIL PRODUCERS, INC. OF KANSAS | Zone: CHASE

Address: P.O. BOX 8647 WICHITA KS 67208 | Elevation:

Co. Rep./Geo.: BILL SHEPHERD | Cont.: STERLIGN DRLG RIG #4 | Est. Ft. of Pay:

Location: Sec.: 11 | Twp.: 23S | Rge.: 17W | Co.: PAWNEE | State: KS

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Interval Tested: 2123-2275 | Drill Pipe Size: 4.5" XH

Anchor Length: 152 | Wt. Pipe I.D. - 2.7 Ft. Run:

Top Packer Depth: 2118 | Drill Collar – 2.25 Ft. Run: 450

Bottom Packer Depth: 2123 | Mud Wt.: 9.7 lb/Gal.

Total Depth: 2275 | Viscosity: 39 | Filtrate: 12

Tool Open @: 2:30 AM | Initial Blow: STRONG - BOTTOM OF BUCKET IN 10 MINUTES

Final Blow: STRONG-BOTTOM OF BUCKET IN 25 MINUTES

Recovery - Total Feet: 200 | Flush Tool?:

Rec.: 200 | Feet of: DRILLING MUD

Rec.: | Feet of:

Rec.: | Feet of:

Rec.: | Feet of:

Rec.: | Feet of:

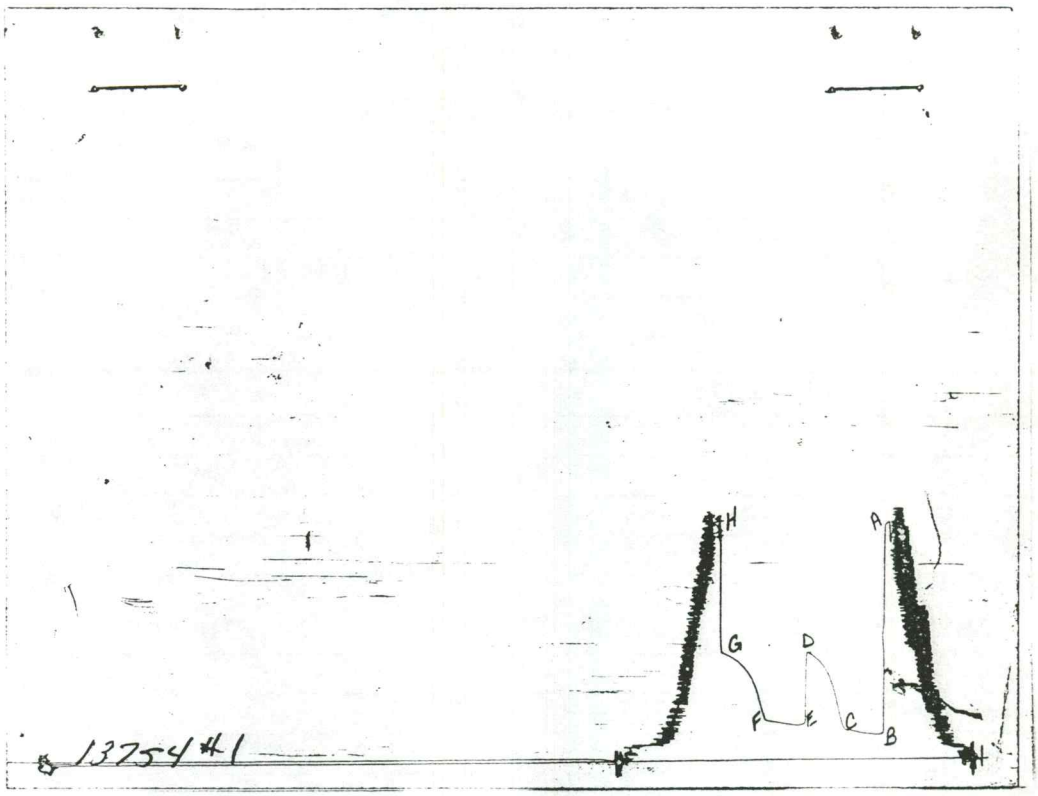
BHT: 90 °F | Gravity: °API | @ °F | Corrected Gravity: °API

RW: @ °F | Chlorides: ppm Recovery | Chlorides: 76000 ppm System

| | | | | | |
|---|---|---|---|---|---|
| (A) Initial Hydrostatic Mud | 1296.3 PSI | AK1 Recorder No. | 13754 | Range | 4000 |
| (B) First Initial Flow Pressure | 134.1 PSI | @ (depth) | 2127 | w / Clock No. | 27567 |
| (C) First Final Flow Pressure | 145.2 PSI | AK1 Recorder No. | 7437 | Range | 4200 |
| (D) Initial Shut-in Pressure | 548.5 PSI | @ (depth) | 2271 | w / Clock No. | 27501 |
| (E) Second Initial Flow Pressure | 184.1 PSI | AK1 Recorder No. | | Range | |
| (F) Second Final Flow Pressure | 214.1 PSI | @ (depth) | | w / Clock No. | |
| (G) Final Shut-in Pressure | 566.3 PSI | Initial Opening | 30 | Final Flow | 30 |
| (H) Final Hydrostatic Mud | 1244.1 PSI | Initial Shut-in | 30 | Final Shut-in | 30 |

Our Representative: DAN BANGLE

# CHART PAGE




This is an actual photograph of recorder chart

| | FIELD READING | OFFICE READING |
|---|---|---|
| (A) INITIAL HYDROSTATIC MUD | 1286 | 1296.3 |
| (B) FIRST INITIAL FLOW PRESSURE | 127 | 134.1 |
| (C) FIRST FINAL FLOW PRESSURE | 137 | 145.2 |
| (D) INITIAL CLOSED-IN PRESSURE | 541 | 548.5 |
| (E) SECOND INITIAL FLOW PRESSURE | 187 | 184.1 |
| (F) SECOND FINAL FLOW PRESSURE | 206 | 214.1 |
| (G) FINAL CLOSED-IN PRESSURE | 561 | 566.3 |
| (H) FINAL HYDROSTATIC MUD | 1246 | 1244.1 |